Mint of the United States at Philadelphia,

MELTING AND REFINING DEPARTMENT,

Philadelphia, 2 September, 1885.

Hon D. M. Fox

Superintendent.

Sir,

I have made the contemplated trial of the Black Lead Crucibles from the Dixon works, Jersey City, The worked at Taunton, Mass. the works of Seidell, and of Taylor, Philadelphia. The trial consisted in melting about 2000 ox. (about 150 lbs) of our 5-cent metal (25 pr.ct. nickel + 75 pr.ct. copper) two successive times on each of two days, in each pot. The crucibles from all except the last, made by Taylor, melted slightly on the outside, just at the zone of highest heat. Taylor's crucible was taken from the stock we have had on hand. I would be glad, if you would yourself inspect the specimens.

Very Respectfully,

J. A. C. Booth M&R

NARA RG104, Entry 1, Box 135

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